

ABSTRACT OF DISCLOSURE

An object of the present invention is to provide a bearing apparatus for a wheel of vehicle which can reduce the weight, size and a number of parts and also can prevent ingress of rain water or dusts and leakage of differential gear oil. According to the present invention there is provided a bearing apparatus for a wheel of vehicle comprising: an axle housing supported under a body of vehicle; a hollow driving shaft inserted into the axle housing; and a wheel bearing arranged between the driving shaft and an opening of the axle housing and structured as a unit of a hub wheel and a double row rolling bearing; the wheel bearing comprising: an inner member including a hub wheel integrally formed on one end thereof with a wheel mounting flange and having an axially extending cylindrical portion; and inner rings press-fitted onto the cylindrical portion of the hub wheel and formed on which outer circumferential surface with at least one of inner raceway surfaces; an outer member arranged around the inner member and formed with double row outer raceway surfaces on its inner circumferential surface oppositely to the inner raceway surfaces; double row rolling elements arranged between the inner and outer raceway surfaces of the inner member and the outer member; a cage for freely rollably holding the rolling elements; and seals for sealing an annular space between the inner member and the outer member; characterized in that a cap having metal core of steel is press-fitted into an end of central bore of the hub wheel.